

ABSTRACT OF THE DISCLOSURE

In a peripheral length adjusting apparatus and a peripheral length adjusting method for an endless metallic ring, an endless metallic ring is wound on plural rollers, and an interval between the plural rollers is enlarged such that the endless metallic ring is stretched while the plural rollers are rotated, whereby the endless metallic ring is plastically deformed and a peripheral length of the endless metallic ring is adjusted to a target peripheral length. In the peripheral length adjusting apparatus and the peripheral length adjusting method, the peripheral length of the endless metallic ring before adjustment is measured, and the peripheral length of the endless metallic ring is adjusted to the target peripheral length by enlarging the interval between the rollers based on the measured peripheral length such that the peripheral length of the endless metallic ring at the time of adjustment is longer than the target peripheral length by a contraction amount due to elastic deformation of the endless metallic ring after adjustment.